MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF COMPUTING AND IFORMATIJON TECHNOLOGY

DEPARTMENT OFINFORMATION TECHNOLOGY

UNIVERSITY ORDINARY EXAMINATION

2020/2021 ACADEMIC YEAR

SECOND YEAR **SECOND** SEMESTER EXAMINATION FOR, DIPLOMA IN INFORMATION TECHNOLOGY

SCS 057– INTERNET APPLICATION PROGRAMMING

DURATION: 2 HOURS

Instructions to candidates:

1. Answer question One and Any Other Two questions.

2. Mobile phones are not allowed in the examination room.

3. You are not allowed to write on this examination question paper.

SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION

QUESTION ONE (30 MARKS)

   a) Write a HTML program to display the information below   (6marks)

      A nested list

      List can be nested (list inside list:

- Coffee
- Tea
- Black tea
- Green tea
- Milk

   b) Discuss 3 advantages of static website   (6marks)

   c) Explain three application areas for dynamic website   (6marks)

   d) Discuss the use of the following tags   (6marks)

      i.   Style attribute

      ii.   Tittle attribute

      iii.   Alt attribute

   e) Discuss three operators used in JavaScript   (6marks)

SECTION B – ANSWER ANY TWO QUESTIONS IN THIS SECTION

QUESTION TWO (20 MARKS)

Write a HTML program to produce the table below   (12marks)

JULIET AND SON'S COMPANY

MONEY SAVE IN THE YEAR 2021

MONTHLY SAVINGS

MONTH	SAVINGS
JANUARY	$100
FEBRUARY	$300
MARCH	$500
APRIL	$760
MAY	$850

b) Explain the following terms used in HTML   (8marks)

     i.   Cell padding

     ii.   Collapsed borders

     iii.   Rows pan

iv.   colspan

QUESTION THREE (20 MARKS)

a) Write a JavaScript program that adds two numbers   (10marks)
b) Explain the following types of form elements   (10marks)
   •   <Fieldset>
   •   <Label>
   •   <Select>
   •   <Textarea>
   •   <Button>

QUESTION FOUR (20 MARKS
   a) Discus four ways in which JavaScript can be used to display data or output results on the screen
                                                                                (12marks)
   b) Write a code that will generate the following components of a firm   (8marks)
         Grouping form data with field set
         The field set element is used to group related data in a form, and the legend element
         defines Caption for the field set element.